AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 358-367, 369, and 371 as shown below.

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 - 357. (Canceled)

358. (Currently Amended) A method for interfacing between a terminal and a radio network, wherein the radio network has an asynchronous operating type ~~and the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or the asynchronous operating type~~, the method comprising the steps of:

a) providing the terminal with a message comprising an information element identifying ~~including a core network operating type information representing~~ an operating type of a core network,

wherein the operating type of the core network comprises global system for mobile communications application part (GSM-MAP), and

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS				

>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN IDENTITY	C-GSM			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)

359. (Currently Amended) A method for interfacing between a terminal and a radio network, wherein the radio network has an asynchronous operating type ~~and the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or the asynchronous operating type~~, the method comprising the steps of

a) providing the terminal with a message comprising an information element identifying ~~including a core network operating type information representing~~ an operating type of a core network,

wherein the operating type of the core network comprises ANSI-41, and

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				

MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS				
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)

360. (Currently Amended) An apparatus for interfacing between a terminal and a radio network, wherein the radio network has an asynchronous operating type ~~and the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or the asynchronous operating type~~, comprising:

a storage device, contained in the radio network, for storing core network operating type information representing an operating type of a core network;

extraction block, contained in the radio network, for reading the core network operating type information during a time period of initialization of the radio network; and

messaging block, contained in the radio network, for periodically providing the terminal with ~~the core network operating type information contained in~~ a message comprising an

information element identifying the operating type of the core network through a predetermined channel,

wherein the operating type of the core network comprises global system for mobile communications application part (GSM-MAP), and

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS				
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN IDENTITY	C-GSM			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)

361. (Currently Amended) An apparatus for interfacing between a terminal and a radio network, wherein the radio network has an asynchronous operating type ~~and the terminal has a~~

~~hybrid operating type being possible to be set as either a synchronous operating type or the asynchronous operating type~~, comprising:

a storage device, contained in the radio network, for storing core network operating type information representing an operating type of a core network;

extraction block, contained in the radio network, for reading the core network operating type information during a time period of initialization of the radio network; and

messaging block, contained in the radio network, for periodically providing the terminal with ~~the core network operating type information contained in~~ a message comprising an information element identifying the operating type of the core network through a predetermined channel,

wherein the operating type of the core network comprises ANSI-41, and

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS				
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	

ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)

362. (Currently Amended) A method for interfacing between a terminal and a radio network connected to a core network, wherein ~~the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type,~~ the radio network is the asynchronous operating type and the core network is an ANSI-41 and GSM-MAP operating type, said method comprising the steps of:

a) providing the terminal with a message comprising an information element identifying ~~including a core network operating type information representing an~~ the operating type of [[a]] the core network, wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS				
>SCHEDULING INFORMATION	M			

CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =”GSM-MAP AND ANSI-41”)

363. (Currently Amended) An apparatus for interfacing between a terminal and a radio network connected to a core network, wherein ~~the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type,~~ the radio network is the asynchronous operating type and the core network is an ANSI-41 and GSM-MAP operating type, said apparatus comprising:

a storage device for storing core network operating type information representing an operating type of a core network;

extraction block for reading the core network operating type information during a time period of initialization of the radio network; and

messaging block for providing the terminal with ~~the core network operating type information contained in~~ a message <u>comprising an information element identifying the operating type of the core network</u> through a predetermined channel,

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION

OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS				
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =” GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =” GSM-MAP AND ANSI-41”)

364. (Currently Amended) A method for interfacing between a terminal and a radio network connected to a core network, wherein ~~the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type,~~ the radio network is [[the]] an asynchronous operating type and the core network [[are]] is a GSM-MAP operating type, said method comprising the steps of:

a) providing the terminal with a message comprising an information element identifying ~~including a core network operating type information representing~~ [[an]] the operating type of [[a]] the core network, wherein the message includes a system information message.

365. (Currently Amended) A method for interfacing between a terminal and a radio network connected to a core network, wherein ~~the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type,~~ the radio network is the asynchronous operating type and the core network [[are]] is a GSM-MAP operating type, said method comprising the steps of:

a) providing the terminal with a message comprising an information element identifying ~~including a core network operating type information representing an~~ the operating type of [[a]] the core network,

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS				
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN IDENTITY	C-GSM			

CONDITION	EXPLANATION

GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =” GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =” GSM-MAP AND ANSI-41”)

366. (Currently Amended) An apparatus for interfacing between a terminal and a radio network connected to a core network, wherein ~~the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type,~~ the radio network is the asynchronous operating type and the core network [[are]] is a GSM-MAP operating type, said apparatus comprising:

a storage device for storing core network operating type information representing an operating type of a core network;

extraction block for reading the core network operating type information during a time period of initialization of the radio network; and

messaging block for providing the terminal with ~~the core network operating type information contained in~~ a message comprising an information element identifying the operating type of the core network through a predetermined channel,

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION				

BLOCKS				
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN IDENTITY	C-GSM			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “GSM-MAP”) or (CN TYPE = =” GSM-MAP AND ANSI-41”)
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE = = “ANSI-41”) or (CN TYPE = =” GSM-MAP AND ANSI-41”)

367. (Currently Amended) A method for interfacing between a terminal and a radio network, wherein the radio network has an asynchronous operating type, the method comprising the steps of:

a) providing the terminal with a message comprising a ‘CN type’ information element identifying an operating type of a core network ~~including a core network operating type information representing an operating type of a core network~~,

wherein the message further includes:

‘CN INFORMATION ELEMENTS’ information identifying the type of core network domain including one of a packet switch type and a circuit switching type; and

~~‘CN type’ information representing the core network operating type information representing an operating type of a core network; and~~

‘PLMN IDENTITY’ information identifying a Public Land Mobile Network for a GSM-MAP type of PLMN, and

wherein the operating type of the core network comprises global system for mobile communications application part (GSM-MAP).

368. (Previously Presented) The method as recited in claim 367, wherein the message further includes scheduling information and a MIB value tag.

369. (Currently Amended) An apparatus for interfacing between a terminal and a radio network, wherein the radio network has an asynchronous operating type, comprising:

a storage device, coupled to the radio network, for storing core network operating type information representing an operating type of a core network;

extraction block, contained in the radio network, for reading the core network operating type information during a time period of initialization of the radio network; and

messaging block, contained in the radio network, for periodically providing the terminal with ~~the core network operating type information contained in~~ a message comprising a 'CN type' information element identifying the operating type of the core network through a predetermined channel,

wherein the message further includes:

'CN INFORMATION ELEMENTS' information identifying the type of core network domain including one of a packet switch type and a circuit switching type;

~~'CN type' information representing the core network operating type information representing an operating type of a core network;~~ and

'PLMN IDENTITY' information identifying a Public Land Mobile Network for a GSM-MAP type of PLMN,

and wherein the operating type of the core network comprises global system for mobile communications application part (GSM-MAP).

370. (Previously Presented) The apparatus as recited in claim 369, wherein the message further includes scheduling information and a MIB value tag.

371. (Currently Amended) An apparatus for interfacing between a terminal and a radio network, wherein the radio network has an asynchronous operating type and the terminal is set as the asynchronous operating type, comprising:

a storage device, contained in the radio network, for storing core network operating type information representing an operating type of a core network;

extraction block, contained in the radio network, for reading the core network operating type information during a time period of initialization of the radio network; and

messaging block, contained in the radio network, for periodically providing the terminal with ~~the core network operating type information contained in~~ a message comprising a 'CN type' information element identifying the operating type of the core network through a predetermined channel,

wherein the message further includes:

'CN INFORMATION ELEMENTS' information identifying the type of core network domain including one of a packet switch type and a circuit switching type;

~~'CN type' information representing the core network operating type information representing an operating type of a core network;~~ and

'PLMN IDENTITY' information identifying a Public Land Mobile Network for a GSM-MAP type of PLMN,

and wherein the operating type of the core network comprises global system for mobile communications application part (GSM-MAP).

372. (Previously Presented) The apparatus as recited in claim 371, wherein the message further includes scheduling information and a MIB value tag.